



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB T102137-107-105
Job Sheet 196201



Part No: RB T102137-107-105

Job Qty: 10 pcs

Part Name: Strap



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/7/19

Job Tracking No:

Due Date: 6/20/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG RB T102137-107 RevG IPP Rev A 17.12.07 New issue DP Verify DD/IPP Rev. B 19.06.07 Material change DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier*	Sign-off
					Setup Hrs	Run Hrs		
110	SL-154 - 1	10 pcs	6/20/19	6/20/19	1.00	1.67	SL-154 - 1	JB 19-06-11
120	QC 2	10 pcs	6/20/19	6/20/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	JB 19-06-11
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	
							QC 2 - 5	
							QC 2 - 71	
							QC 2 - 73	
							QC 2 - 69	
150	QC 8	10 pcs	6/20/19	6/20/19	0.00	0.00	QC 8 - 12	
							QC 8 - 14	
							QC 8 - 17	
							QC 8 - 20	
							QC 8 - 25	
							QC 8 - 3	

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 613 632-5200
Email: sales@dartaero.com
www.dartaero.com



Container No: S189419

Part: RB T102137 - 107 - 105
Job No: 196201

Serial No/Batch: S189419

Revision: G

Inspector:

Exo Date:

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					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	B. 19-06-12
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
155	Outsource - 1 - Heat Treat	10 pcs	6/20/19		MEI001-VC	12 18209-06-14
157	Packaging 2-1 - Receive - B4B	10 pcs	6/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
158	QC 6	10 pcs	6/20/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
160	Outsource - 13 - Zinc Plating	10 pcs	6/20/19		GRO002-VC	
200	Packaging 2-2 - Receive - B4B	10 pcs	6/20/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	

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				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
205 QC 6				10 pcs	6/20/19 0.00 0.00
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
210 Packaging 3-1 - Stock - B4B				10 pcs	6/20/19 0.00 0.00
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
220 QC 21 - SA				10 pcs	6/20/19 0.00 0.00
				QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

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Part Op 110 - MORI SL-154 LATHE - 1-Machine as per folio FB844 FOLIO REV: RA DWG REV: G 2-
 Descriptions: Debur
 120 - QC2- Inspect parts off machine FAI/FAIB
 150 - QC8- Inspect parts - second check
 155 - 1-Issue P/O; 43730 RC 48-52 2-Bead blast 3--Material type; O1 4- Certificate of Conformity is required
 157 - Packaging2 (Receive & Inspect for Damage & Mat'l Certs)
 158 - QC6- All purchased or subcontracted products
~~160 - Issue P/O; _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of~~
~~Conformity is required~~
~~200 - Receive & Inspect for Damage & Mat'l Certs~~
 205 - QC6- All purchased or subcontracted products ***NOTE*** Zinc plating to be done after load test at final assembly.
 210 - Identify as per dwg & Stock Location: _____
 220 - QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-O1-R0.625	Tool Steel Round Bar 0.625 dia.	4 ft (.4 ea)	110-SL-154 - 1	<u>5142241</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-SL-154 - 1	MT-O1-R0.625	4	12	0

Part Specifications

Specifications could not be found.

Plex 6/7/19 3:43 PM Dart.Renwick.Jennifer



Dart Aerospace Ltd.
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Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043730



Supplier: MEI001-VC
Metcor Inc.
560 Boul. Arthur Sauve
Saint-Eustache
QC
J7R 5A8 Canada
Phone: 450 473 1884
Fax: 450 491 5498

Attention: Bejenaru, Livia

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043730

PO Date: 6/14/19

Due Date: 7/5/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-06-19

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	196159	RB T102137-107-109	Clevis 1-Issue P/O; Heat treat RC 32-38 2-Bead blast 3-Material type; 4140 4-Certificate of Conformity is required	Firmed	-	7/5/19	6 pcs	0 pcs	6 pcs	\$51.666/pcs	\$310.00
2	196135	RBE1X36-176-779-1	Sleeve (Outsource process - Heat Treat) 1-Issue P/O; P/O RC 48-52 Material; O1 2-Bead blast 3- Certificate of Conformity is required	Firmed	-	7/5/19	3 pcs	0 pcs	3 pcs	\$103.333/pcs	\$310.00
3	196201	RB T102137-107-105	Strap 1-Issue P/O; RC 48-52 2-Bead blast 3-Material type; O1 4- Certificate of Conformity is required	Firmed	-	7/5/19	10 pcs	0 pcs	10 pcs	\$31.00/pcs	\$310.00

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10 X

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Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043730



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	196200	RB T102137- 107-107	Sleeve 1-Issue P/O; Heat treat RC 32-38 2-Bead blast 3-Material type; 4140 4-Certificate of Conformity is required	Firmed	-	7/5/19	10 pcs	0 pcs	10 pcs	\$31.00/pcs	\$310.00
5	194688	RBA3100- 80902-1	Wrench 1-Issue P/O to METCORE; P/O RC 35-40 2-Bead blast 3-Material type; 4140 4- Certificate of Conformity is required	Firmed	-	7/5/19	7 pcs	0 pcs	7 pcs	\$44.2857/pcs	\$310.00

Grand Total: \$1,549.99

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/19/19 8:10 AM Dart.Guerin.Kimberley

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ
ST-EUSTACHE, QC J7R 5A8
Tel: 450-473-1884 / Fax: 450-491-5498

Reçu de livraison

Delivery Receipt

BON DE TRAVAIL	EXPÉDITEUR	BON D'EXPÉDITION
Order	Shipper ID	Shipper
337396	1	138190

EXPÉDITION COMPLÈTE / Shipped Complete

CLIENT /Customer 215

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053



LIVRÉ À /Shipped To

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053

COMMANDE DU CLIENT	BON DE LIVRAISON DU CLIENT	TYPE DE MATÉRIEL	DATE DE LA COMMANDE	TRANSPORTEUR
Customer PO	Customer Shipper No.	Material Type	Order Date	Carrier
HB043730 ✓		O1	2019/6/17	client

QUANTITÉ	No. PIÈCE	NOM DE LA PIÈCE	DESCRIPTION DE LA PIÈCE	POIDS
Quantity	Part No.	Part Name	Part Description	Weight

13 RBE1X36-176-779-1

✓ (3) RBE1X36-176-779-1 ✓ JOB 196135 ✓

✓ (10) RBT102137-107-105 ✓ JOB 196201 ✓

4,

2 BOITE DE CARTON

TYPE DE CONTENEUR	# DE CONTENEURS	COMMENTAIRES CONTENEUR
Container Type	# Of Containers	Container Comments
BOITE DE CARTON	2	

CERTIFICAT

EXPÉDIÉ PAR: Shipped by:	
-----------------------------	--

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 13

POIDS EXPÉDIÉ / Weight Shipped : 4,00

QUANTITÉ RESTANTE / Quantity Remaining : 0

POIDS RESTANT / Weight Remaining : 0,00

RECEIVED

JUN 28 2019

DART AEROSPACE LTD.



CERTIFICAT

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 13

POIDS EXPÉDIÉ / Weight Shipped : 4,00

Signature:

Date:

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité

Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
337396	1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K8A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K8A 1K7

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COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
HB043730 ✓	N/A	O1		

SPÉCIFICATIONS DU PROCÉDÉ

processing specifications

SEL HARDEN

HARDEN AND TEMPER

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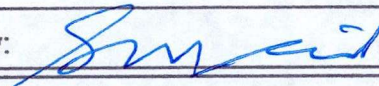
EXIGENCE / requirement	SPÉCIFICATIONS / specified	TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results
HARDNESS	48 - 52 HRC	13 (907)	50 - 52 HRC

QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description
13	4	RBE1X36-176-779-1 ✓ (3) RBE1X36-176-779-1 ✓ JOB 196135 ✓ ✓ (10) RBT102137-107-105 ✓ JOB 196201 ✓ 2 BOITE DE CARTON

3/7/19

COMMENTAIRES / comments

APPROUVÉ par / Approved by:

DATE: 2019-06-23

APPROUVÉ


МЕТСОВИС

CONTRIBUTORS TO *STRENGTH*

ЖАВАРТ ЭД МОВ

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4281-124-024-1241
8242-124-024-1241
4283-124-024-1241

of badge LA 55VU
E0A9C093A7RAD
M33Q956A0TCT
YPAUB33NVAH

Телефон / Тел. 30492093А ТРАД
М330Р36А 0Т11
УРА023М/АН

MARCOPO	ZAVRSHNO ERTIYAM TOZHEBYENO ANIRIN	LAIPIETAM IENISIAM	ECEIPI NOTACIPISSAUO NOTIBOIPISSAUO TIEP	TIVIUU UO EADIANIMMOO OU TEMIPISSAUO
		IO	AUM	03T2AUBH ✓

3030099 UD 2MOTAC1710395

Environ Biol Fish (2015) 98:1303–1314

MEORAH 132

СЭПМЕТ ОНА НЕОСРАН

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(708)

ATTITUDE Ydangup	FOIOP Wangup	DESCRIPTION DES PIÈCES
47	4	BOITE DE CARTON (10) 151105135-101-102 708 188501 (3) 151105135-101-102 708 188132 151105135-101-102 708 188132 151105135-101-102 708 188132

2371AT/34MMOD

CS-30-PIOS ETAD

Yd havorqqa \ isq 3VU0799A

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
337396	1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

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COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
HB043730 ✓	N/A	O1		
SPÉCIFICATIONS DU PROCÉDÉ processing specifications				
SEL HARDEN				
HARDEN AND TEMPER				
DAS 40 9-89				
EXIGENCE / requirement	SPÉCIFICATIONS / specified		TESTS EXÉCUTÉS / performed	RÉSULTATS DE TESTS / results
HARDNESS	48 - 52 HRC		13 (907)	50 - 52 HRC
QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description		
13	4	RBE1X36-176-779-1 ✓ (3) RBE1X36-176-779-1 ✓ JOB 196135 ✓ (10) RBT102137-107-105 ✓ JOB 196201 ✓ 2 BOITE DE CARTON		

COMMENTAIRES / comments

SALT BATH 1475°F - 40 MINS

TEMPER 750°F - 2:00 HRS

GLASS BEAD

Heat treatment (HT) was performed with equipment that meets the requirements of requested specification.

All HT operations were performed in compliance with the required HT specification and all verifications have been performed and documented. No unauthorized changes were performed in regards to the HT. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

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Le traitement thermique (TT) a été fait en utilisant des équipements en conformité avec la spécification demandée.

Toutes les opérations de TT ont été faites en conformité avec les requis de la spécification demandée et toutes les vérifications et les tests demandés ont été faites et documentés. Aucun changement n'a été faite par rapport au TT. On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiées.

Ce document et les documents qui lui sont joints peuvent contenir des informations confidentielles, être soumis aux

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
337396	1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

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APPROUVÉ par / Approved by:

DATE: 2019-06-27

Lucie Desmarais
QA Technician



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